Welcome to STN International! Enter x:x LOGINID: SSSPTA1653SXS PASSWORD: TERMINAL (ENTER 1, 2, 3, OR ?):2 Welcome to STN International Web Page URLs for STN Seminar Schedule - N. America NEWS 1 "Ask CAS" for self-help around the clock NEWS 2 CA/CAplus records now contain indexing from 1907 to the NEWS SEP 09 present INPADOC: Legal Status data reloaded NEWS DEC 08 4 DISSABS now available on STN NEWS 5 SEP 29 PCTFULL: Two new display fields added NEWS 6 OCT 10 BIOSIS file reloaded and enhanced NEWS 7 OCT 21 BIOSIS file segment of TOXCENTER reloaded and enhanced OCT 28 NEWS 8 MSDS-CCOHS file reloaded NOV 24 NEWS 9 CABA reloaded with left truncation DEC 08 NEWS 10 DEC 08 IMS file names changed NEWS 11 Experimental property data collected by CAS now available NEWS 12 DEC 09 in REGISTRY STN Entry Date available for display in REGISTRY and CA/CAplus NEWS 13 DEC 09 DGENE: Two new display fields added NEWS 14 DEC 17 BIOTECHNO no longer updated NEWS 15 **DEC 18** CROPU no longer updated; subscriber discount no longer **DEC 19** NEWS 16 available Additional INPI reactions and pre-1907 documents added to CAS DEC 22 NEWS 17 databases IFIPAT/IFIUDB/IFICDB reloaded with new data and search fields DEC 22 NEWS 18 ABI-INFORM now available on STN NEWS 19 DEC 22 Source of Registration (SR) information in REGISTRY updated JAN 27 NEWS 20 and searchable A new search aid, the Company Name Thesaurus, available in JAN 27 NEWS 21 CA/CAplus German (DE) application and patent publication number format NEWS 22 FEB 05 changes MEDLINE and LMEDLINE reloaded NEWS 23 MAR 03 MEDLINE file segment of TOXCENTER reloaded NEWS 24 MAR 03 FRANCEPAT now available on STN NEWS 25 MAR 03 Pharmaceutical Substances (PS) now available on STN NEWS 26 MAR 29 WPIFV now available on STN MAR 29 NEWS 27 No connect hour charges in WPIFV until May 1, 2004 MAR 29 NEWS 28 New monthly current-awareness alert (SDI) frequency in RAPRA MAR 29 NEWS 29 MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT NEWS EXPRESS MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 3 MARCH 2004 STN Operating Hours Plus Help Desk Availability **NEWS HOURS** NEWS INTER General Internet Information NEWS LOGIN Welcome Banner and News Items Direct Dial and Telecommunication Network Access to STN NEWS PHONE

Enter NEWS followed by the item number or name to see news on that specific topic.

NEWS WWW

CAS World Wide Web Site (general information)

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 14:26:33 ON 01 APR 2004

=> FIL REGISTRY
COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 0.21 0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 14:26:41 ON 01 APR 2004 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 31 MAR 2004 HIGHEST RN 669692-30-2 DICTIONARY FILE UPDATES: 31 MAR 2004 HIGHEST RN 669692-30-2

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at: http://www.cas.org/ONLINE/DBSS/registryss.html

- => s phe-Ala-Leu-Lys-Ala-Leu-Lys-Lys-Leu-Lys-Lys-Ala-Leu-Lys-Lys-Ala/sqep IS NOT A VALID AMINO ACID SYMBOL.
- => s 'phe-Ala-Leu-Lys-Ala-Leu-Lys-Lys-Leu-Lys-Lys-Ala-Leu-Lys-Ala'/sqep
 0 'PHE''ALA''LEU''LYS''ALA''LEU''LYS''LYS''LYS''ALA''LEU
 ''LYS''LYS''ALA'/SQEP

61144 SQL=16

- L1 0 'PHE-ALA-LEU-LYS-ALA-LEU-LYS-LYS-LEU-LYS-LYS-ALA-LEU-LYS-LYS-ALA
 '/SQEP
 ('PHE''ALA''LEU''LYS''ALA''LEU''LYS''LEU''LYS''LYS''ALA''
 LEU''LYS''LYS''ALA'/SQEP AND SQL=16)
- => s 'Phe-Ala-Lys-Leu-Ala-Lys-Leu-Lys-Leu-Ala-Lys-Leu-Ala'/sqep 0 'PHE''ALA''LYS''LEU''ALA''LYS''LYS''LEU''LYS''LEU''ALA ''LYS''LEU''ALA'/SQEP

61144 SQL=16

1.2

- 0 'PHE-ALA-LYS-LYS-LEU-ALA-LYS-LYS-LEU-LYS-LYS-LEU-ALA-LYS-LEU-ALA
 '/SQEP
 ('PHE''ALA''LYS''LYS''LEU''ALA''LYS''LYS''LEU''LYS''LEU''
 ALA''LYS''LEU''ALA'/SQEP AND SQL=16)
- => s 'Phe-Ala-Leu-Ala-Leu-Lys-Lys-Ala-Leu-Lys-Ala-Leu-Lys-Lys-ala-leu'/sqep
 1 'PHE''ALA''LEU''ALA''LEU''LYS''ALA''LEU''LYS''ALA''LEU''LYS
 ''LYS''ALA''LEU'/SQEP
 61144 SQL=16

```
1 'PHE-ALA-LEU-ALA-LEU-LYS-LYS-ALA-LEU-LYS-ALA-LEU-LYS-LYS-ALA-LEU
L3
               '/SOEP
                 ('PHE''ALA''LEU''ALA''LEU''LYS''LYS''ALA''LEU''LYS''ALA''LEU''
                 LYS''LYS''ALA''LEU'/SQEP AND SQL=16)
=> s 'Phe-Ala-Lys-Leu-Ala-Lys-Leu-ala-Lys-Leu-Ala-Lys-Leu-Ala'/sqep
             O 'PHE''ALA''LYS''LYS''LEU''ALA''LYS''LEU''ALA''LYS''LYS''LYS''LEU''ALA
               ''LYS''LEU''ALA'/SQEP
         61144 SQL=16
             0 'PHE-ALA-LYS-LYS-LEU-ALA-LYS-LEU-ALA-LYS-LYS-LEU-ALA-LYS-LEU-ALA
T.4
               '/SQEP
                 ('PHE''ALA''LYS''LYS''LEU''ALA''LYS''LEU''ALA''LYS''LYS''LEU''
                 ALA''LYS''LEU''ALA'/SOEP AND SQL=16)
    'Phe-Ala-Lys-Lys-Leu-Ala-Lys-Leu-ala-Lys-Lys-Leu-Ala-Lys-Leu-Ala-leu'/sqep
             2 'PHE''ALA''LYS''LYS''LEU''ALA''LYS''LEU''ALA''LYS''LYS''LEU''ALA
               ''LYS''LEU''ALA''LEU'/SQEP
        304451 SQL=17
             2 'PHE-ALA-LYS-LYS-LEU-ALA-LYS-LEU-ALA-LYS-LYS-LEU-ALA-LYS-LEU-ALA
L5
               -LEU'/SQEP
                 ('PHE''ALA''LYS''LYS''LEU''ALA''LYS''LEU''ALA''LYS''LYS''LEU''
                 ALA''LYS''LEU''ALA''LEU'/SQEP AND SQL=17)
'Phe-Ala-Lys-Leu-Ala-Lys-Leu-ala-Lys-Leu-Ala-Lys-Leu-Ala-leu-ala-leu'/sqep
             1 'PHE''ALA''LYS''LYS''LEU''ALA''LYS''LEU''ALA''LYS''LYS''LEU''ALA
               ''LYS''LEU''ALA''LEU''ALA''LEU'/SQEP
        105998 SQL=19
             1 'PHE-ALA-LYS-LEU-ALA-LYS-LEU-ALA-LYS-LEU-ALA-LYS-LEU-ALA
L6
               -LEU-ALA-LEU'/SOEP
                 ('PHE''ALA''LYS''LYS''LEU''ALA''LYS''LEU''ALA''LYS''LEU''
                 ALA''LYS''LEU''ALA''LEU''ALA''LEU'/SQEP AND SQL=19)
=> S
'Phe-Ala-Leu-Ala-Leu-Lys-Lys-Ala-Leu-Lys-lys-Ala-Leu-xaa-xaa-Lys-Lys-ala-leu-lys-lys
-ala-leu'/sqep
XAA IS NOT A VALID 3 LETTER AMINO ACID SYMBOL.
'Phe-Ala-Leu-Ala-Leu-Lys-Lys-Ala-Leu-Lys-lys-Ala-Leu-xxx-xxx-Lys-Lys-ala-leu-lys-lys
-ala-leu'/sqep
             O 'PHE''ALA''LEU''ALA''LEU''LYS''LYS''ALA''LEU''LYS''ALA''LEU
               ''XXX''XXX''LYS''LYS''ALA''LEU''LYS''LYS''ALA''LEU'/SQEP
         64212 SQL=23
             0 'PHE-ALA-LEU-ALA-LEU-LYS-LYS-ALA-LEU-LYS-LYS-ALA-LEU-XXX-XXX-LYS
Ь7
               -LYS-ALA-LEU-LYS-LYS-ALA-LEU'/SQEP
                 ('PHE''ALA''LEU''ALA''LEU''LYS''LYS''ALA''LEU''LYS''LYS''ALA''
                 LEU''XXX''XXX''LYS''LYS''ALA''LEU''LYS''LYS''ALA''LEU'/SQEP AN
                 D SQL=23)
=> FIL CAPLUS BIOSIS MEDLINE PCTFULL USPATFULL EUROPATFULL JAPIO SCISEARCH EMBASE
USPAT2 EUROPATFULL
                                                                 TOTAL
                                                 SINCE FILE
COST IN U.S. DOLLARS
                                                      ENTRY
                                                               SESSION
                                                                 54.81
FULL ESTIMATED COST
                                                      54.60
FILE 'CAPLUS' ENTERED AT 14:38:25 ON 01 APR 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)
FILE 'BIOSIS' ENTERED AT 14:38:25 ON 01 APR 2004
COPYRIGHT (C) 2004 BIOLOGICAL ABSTRACTS INC. (R)
```

FILE 'MEDLINE' ENTERED AT 14:38:25 ON 01 APR 2004 FILE 'PCTFULL' ENTERED AT 14:38:25 ON 01 APR 2004 COPYRIGHT (C) 2004 Univentio FILE 'USPATFULL' ENTERED AT 14:38:25 ON 01 APR 2004 CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS) FILE 'EUROPATFULL' ENTERED AT 14:38:25 ON 01 APR 2004 COPYRIGHT (c) 2004 WILA Verlag Muenchen (WILA) FILE 'JAPIO' ENTERED AT 14:38:25 ON 01 APR 2004 COPYRIGHT (C) 2004 Japanese Patent Office (JPO) - JAPIO FILE 'SCISEARCH' ENTERED AT 14:38:25 ON 01 APR 2004 COPYRIGHT 2004 THOMSON ISI FILE 'EMBASE' ENTERED AT 14:38:25 ON 01 APR 2004 COPYRIGHT (C) 2004 Elsevier Inc. All rights reserved. FILE 'USPAT2' ENTERED AT 14:38:25 ON 01 APR 2004 CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS) => d hist (FILE 'HOME' ENTERED AT 14:26:33 ON 01 APR 2004) FILE 'REGISTRY' ENTERED AT 14:26:41 ON 01 APR 2004 O S 'PHE-ALA-LEU-LYS-ALA-LEU-LYS-LYS-LEU-LYS-LYS-ALA-LEU-LYS-LYS-L1O S 'PHE-ALA-LYS-LYS-LEU-ALA-LYS-LYS-LEU-LYS-LYS-LEU-ALA-LYS-LEU-L21 S 'PHE-ALA-LEU-ALA-LEU-LYS-LYS-ALA-LEU-LYS-ALA-LEU-LYS-LYS-ALA-L3 O S 'PHE-ALA-LYS-LEU-ALA-LYS-LEU-ALA-LYS-LEU-ALA-LYS-LEU-ALA-LYS-LEU-L42 S 'PHE-ALA-LYS-LEU-ALA-LYS-LEU-ALA-LYS-LEU-ALA-LYS-LEU-ALA-LYS-LEU-L5 1 S 'PHE-ALA-LYS-LEU-ALA-LYS-LEU-ALA-LYS-LEU-ALA-LYS-LEU-ALA-LYS-LEU-L6 0 S 'PHE-ALA-LEU-ALA-LEU-LYS-LYS-ALA-LEU-LYS-LYS-ALA-LEU-XXX-XXX-L7 FILE 'CAPLUS, BIOSIS, MEDLINE, PCTFULL, USPATFULL, EUROPATFULL, JAPIO, SCISEARCH, EMBASE, USPAT2' ENTERED AT 14:38:25 ON 01 APR 2004 => s 13 or 15 or 16 'SQEP' IS NOT A VALID FIELD CODE 3 L3 OR L5 OR L6 T.R => d 18 bib 1-3 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN L82002:778109 CAPLUS AN 137:284374 DNShort bioactive peptides and methods for their use TΙ TN Owen, Donald R. Helix Biomedix, Inc., USA PA PCT Int. Appl., 133 pp. SO CODEN: PIXXD2 DT Patent LA English FAN.CNT 1 APPLICATION NO. DATE PATENT NO. KIND DATE _____ _____ ----WO 2002-US9534 20020328 WO 2002079408 A2 20021010 WO 2002079408 A3 20021128 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,

```
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
             GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
            LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
             PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
            UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
             CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
             BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
                                        US 2001-820053 20010328
                     A1 20030501
     US 2003083243
                                         US 2002-109171
                                                           20020328
    US 2003109452
                      A1
                           20030612
                                         EP 2002-725386
                      A2
                           20040114
                                                           20020328
     EP 1379265
        R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
                           20010328
PRAI US 2001-279505P P
                      Α
                           20010328
     US 2001-820053
    WO 2002-US9534
                      W
                           20020328
    ANSWER 2 OF 3 USPATFULL on STN
L8
       2003:159837 USPATFULL
ΑN
       Short bioactive peptides and methods for their use
TI
       Owen, Donald R., Kenner, LA, UNITED STATES
IN
                      A1 20030612
PΙ
       US 2003109452
                               20020328 (10)
ΑI
       US 2002-109171
                         A1
      US 2001-279505P
                          20010328 (60)
PRAI
DT
      Utility
FS
       APPLICATION
      HOWREY SIMON ARNOLD & WHITE LLP, 750 BERING DRIVE, HOUSTON, TX, 77057
LREP
CLMN
       Number of Claims: 48
ECL
       Exemplary Claim: 1
DRWN
      No Drawings
LN.CNT 4019
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
    ANSWER 3 OF 3 USPATFULL on STN
L8
       2003:120759 USPATFULL
AN
ΤI
       Short bioactive peptides
IN
       Owen, Donald R., Kenner, LA, UNITED STATES
       US 2003083243 A1
                               20030501
PΙ
       US 2001-820053
                         A1
                               20010328 (9)
AΙ
DТ
       Utility
       APPLICATION
FS
      HOWERY SIMON ARNOLD AND WHITE, LLP, 750 BERING DRIVE, HOUSTON, TX,
LREP
       77057-2198
       Number of Claims: 52
CLMN
ECL
       Exemplary Claim: 1
DRWN
      No Drawings
LN.CNT 3164
```

CAS INDEXING IS AVAILABLE FOR THIS PATENT.